

*Palmer 8905* (NB). RAPIDES: Alexandria, *J. Hale* (G, Mo, NB).  
TEXAS: SMITH: Swan, *Reverchon 3206* (Mo).

(*To be continued*)

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## NOTES ON ROCKY MOUNTAIN PLANTS

ESTELLE H. KELSO

IN *Plants of the Rocky Mountain National Park*, U. S. Dept. of the Interior, Natl. Park Service, 1-157. 1933, R. E. Ashton treated all the ferns and seed plants then known to occur in that area. The following is a list of plants found there which were not reported in that work. All collections and observations were made within half a mile of Bryson's Camp on Fall River unless otherwise stated. Numbers under 100 were collected by L. Kelso and the writer, higher numbers by the former.

*ORYZOPSIS ASPERIFOLIA* Michx. Aspen groves and rocky slopes.

*STIPA COLUMBIANA* Macoun. Dry ground near Sheep Lake, June 18, 1933; no. 35.

*MUHLENBERGIA FILIFORMIS* (Thurb.) Rydb., var. **fortis**, var. nov. *Sporobolus simplex* Scribn., U. S. Dept. Agr. Div. Agrost. Bull. **11**: 48. 1898. *Muhlenbergia simplex* Rydb., Bull. Torr. Bot. Club **32**: 600. 1905. Not *M. simplex* Kunth, 1829.

Many plants of this species growing around Sheep Lake were consistently different from the typical form in having the stems 1 mm. or more thick, and the lemmas over 2 mm. long.

*ALOPECURUS GENICULATUS* L., var. *ARISTULATUS* Torr. In shallow water along Bighorn Creek, August 5, 1931; no. 3554.

*AVENA HOOKERI* Scribn. Near Lawn Lake, August 5, 1931; no. 3662.

*POA REFLEXA* Vasey and Scribn. Common in thickets of the aspen association in August.

*GLYCERIA STRIATA* (Lam.) Hitch., var. *STRICTA* (Scribn.) Fernald. Common in damp ground along Fall River and Bighorn Creek during August.

*FESTUCA KINGII* (S. Wats.) Cassidy. Dry soil near Sheep Lake, June 18, 1933; no. 34.

*BROMUS SECALINUS* L. Occasional in a pasture along Bighorn Creek.

*BROMUS BRIZAEFORMIS* Fisch. and Mey. Common in dry soil along roads.

*ELEOCHARIS PALUSTRIS* (L.) R. and S., var. *MAJOR* Sonder. Bog near Bryson's Camp, June 21, 1933; no. 42. Also grew along margin of Sheep Lake and near Cub Lake.



*ELEOCHARIS ACICULARIS* (L.) R. and S. Damp ground around Sheep Lake, August 4, 1931; no. 3660.

*CAREX PARRYANA* Dewey. Damp meadows near Cascade Lodge, June 16, 1933; no. 73.

*CAREX NOVA* Bailey. Occasional on grassy slopes near Lawn Lake.

*CAREX ATHROSTACHYA* Olney. Damp ground near Lawn Lake, August 5, 1931; no. 3616.

*CAREX HELIOPHILA* Mackenzie. Common in inceptive and mixed grasslands below 9,000 feet.

*CORALLORHIZA WYOMINGENSIS* Hellmayr. Damp ground near Bighorn Creek.

*SALIX BRACHYCARPA* Nutt. Bogs near Cascade Lodge, alt. 8,500 feet, June 20, 1933; no. 1.

*SALIX GEYERIANA* Anders. Abundant along west margin of Sheep Lake and in bog near Cascade Lodge.

*STELLARIA LONGIPES* Goldie. Damp ground near Cascade Lodge, June 20, 1933; no. 9.

*ARAGALLUS DEFLEXUS* (DC.) Heller. Common in thickets near streams.

*PEDIOCACTUS SIMPSONI* (Engelm.) Britton and Rose. Occasional in mixed grassland.

*EPILOBIUM HORNEMANNI* Reichenb. Bogs near Lawn Lake, August 5, 1931; no. 3557.

*EPILOBIUM OVATIFOLIUM* Rydb. In spring near Cascade Lodge.

*MYRIOPHYLLUM VERTICILLATUM* L., var. *PECTINATUM* Wallr. Sheep Lake, June 16, 1933; no. 71.

*VERONICA SERPYLLIFOLIA* L. Damp ground near Bryson's Camp, August 5, 1931; no. 3621.

*UTRICULARIA VULGARIS* L., var. *AMERICANA* A. Gray. Common in shallow water near Cub Lake.

*PLANTAGO ASIATICA* L. Found in golf course near Estes Park.

*GALIUM APARINE* L. Common in the aspen association along Fall River.

*GALIUM TRIFIDUM* L. Occasional in damp ground near Fall River.

*ERIGERON TRIFIDUS* Hook. Occasional on rocky slopes near Bryson's Camp.

*PETASITES SAGITTATUS* (Pursh) A. Gray. Damp ground near Bryson's Camp, alt. 8,300 feet, June 21, 1933; no. 22.

*SENECIO CANUS* Hook., var. *PURSHIANUS* (Nutt.) A. Nels. Occasional on rocky slopes near Lawn Lake.

*SENECIO SAXOSUS* Klatt. Occasional on rocky slopes near Fall River Pass.

*CIRSIUM AMERICANUM* (A. Gray) K. Schum. Along road up north side of Long's Peak.

*CIRSIUM HOOKERIANUM* Nutt. Occasional on rocky slopes above Ypsilon Lake and Lawn Lake.

*TRAGOPOGON PRATENSIS* L. Occasional along lower part of trail to Ypsilon and Lawn Lakes.



To the above may be added 3 plants recently described from the park, ATRAGENE COLUMBIANA Nutt., f. ALBESCENS E. H. Kelso, RHODORA 35: 347. 1933, SALIX PSEUDOLAPPONUM v. Seeman, var. SUBINCURVA E. H. Kelso, l. c. 36: 195. 1934, and CASTILLEJA FLAVO-VIRIDIS L. Kelso, Madrono 1: 241. 1929.

WASHINGTON, D. C.

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PRENANTHES CREPIDINEA IN WESTERN NEW YORK.—In 1882, in his *Plants of Buffalo and its Vicinity*, David F. Day recorded *Prenanthes crepidinea* Michx. as

Very rare. Wheelbarrow Pt., Buffalo. Only two plants seen, and those not lately. Some doubt exists as to the species, but it surely better corresponds with *P. crepidina* than with any other described in Gray's Manual.

Subsequently further doubt has been expressed regarding the occurrence of the species in western New York. Thus House, in his *Annotated List of the Ferns and Flowering Plants of New York State*, says (p. 674), under *Nabalus crepidineus* (Michx.) DC.: "Reported from Western New York. Authentic records are lacking," and Zerkert, in his *Flora of the Niagara Frontier Region* (p. 268), after quoting Day's statement, added the comment: "No corresponding herbarium specimens have been found, nor has the species been collected in recent years."

In 1843 Torrey & Gray had seen no specimens from east of Ohio; but in the Gray Herbarium there is a beautifully characteristic sheet of *P. crepidinea* correctly identified by Gray and marked in his hand: "New York: Buffalo, Prestele, 1844." For some inexplicable reason Gray, in the *Manual* (1848) merely took the eastern limit (Ohio) from Torrey & Gray, and the occurrence of the plant at Buffalo in 1844 was overlooked in his work until the preparation of the *Synoptical Flora*, the part covering the *Compositae* printed in 1884.—M. L. FERNALD.

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